

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) An electrical bicycle shift control device comprising:
a handlebar mounting portion that is configured to be fixedly mounted in a free end of a handlebar having a center axis defining an axial direction of the free end of the handlebar;
and

an electrical shift control switch portion fixedly mounted to the handlebar mounting portion, the electrical shift control switch portion including an operating member arranged and configured to be selectively moved relative to the handlebar mounting portion between a neutral position and a first actuating position,

the operating member being axially arranged relative to the handlebar mounting portion such that the operating member does not axially overlap the free end of the handlebar when the handlebar mounting portion is fixedly mounted in the free end of the handlebar as viewed in a direction perpendicular to the axial direction.

2. (Original) The electrical bicycle shift control device according to claim 1, wherein

the operating member is further arranged and configured to be selectively moved relative to the handlebar mounting portion between the neutral position and a second actuating position that is spaced from the first actuating position.

3. (Currently Amended) ~~The~~ An electrical bicycle shift control device ~~according to claim 2, wherein~~ comprising:

a handlebar mounting portion that is configured to be fixedly mounted in a free end of a handlebar; and

an electrical shift control switch portion fixedly mounted to the handlebar mounting portion, the electrical shift control switch portion including an operating member and a biasing element,

the operating member being arranged and configured to be selectively moved relative to the handlebar mounting portion between a neutral position and a first actuating position

and being arranged and configured to be selectively moved relative to the handlebar mounting portion between the neutral position and a second actuating position that is spaced from the first actuating position, the electrical shift control switch portion further includes a biasing element being arranged and configured to urge the operating member to the neutral position.

4. (Original) The electrical bicycle shift control device according to claim 3, wherein

the operating member of the electrical shift control switch portion is further arranged and configured to rotate about an operating axis between the neutral position and the first and second actuating positions.

5. (Original) The electrical bicycle shift control device according to claim 4, wherein

the operating axis of the operating member is parallel to a center axis of the free end of the handlebar.

6. (Original) The electrical bicycle shift control device according to claim 3, wherein

the operating member of the electrical shift control switch portion is further arranged and configured such that the first and second actuating positions are arranged on opposite sides of the neutral position.

7. (Currently Amended) ~~The~~ An electrical bicycle shift control device according to claim 1, wherein comprising:

a handlebar mounting portion that is configured to be fixedly mounted in a free end of a handlebar; and

an electrical shift control switch portion fixedly mounted to the handlebar mounting portion, the electrical shift control switch portion including an operating member arranged and configured to be selectively moved relative to the handlebar mounting portion between a neutral position and a first actuating position.

the electrical shift control switch portion being is detachably coupled to the handlebar mounting portion such that the electrical shift control switch portion can be removed from the handlebar mounting portion without removing the handlebar mounting portion ~~portion~~ from the free end of the handlebar.

8. (Original) The electrical bicycle shift control device according to claim 1, wherein

the operating member has a curved operating surface with a curvature substantially corresponding to a curvature of the free end of the handlebar.

9. (Currently Amended) The An electrical bicycle shift control device according to claim 1, wherein comprising:

a handlebar mounting portion that is configured to be fixedly mounted in a free end of a handlebar; and

an electrical shift control switch portion fixedly mounted to the handlebar mounting portion, the electrical shift control switch portion including an operating member arranged and configured to be selectively moved relative to the handlebar mounting portion between a neutral position and a first actuating position.

the handlebar mounting portion including ~~includes~~ a support member with the electrical shift control switch portion coupled thereto and an expandable unit coupled to the support member that is slidable within the free end of the handlebar in a first configuration and non-slidable in a second configuration.

10. (Original) The electrical bicycle shift control device according to claim 9, wherein

the expandable unit includes an axially movable member that moves in response to movement of a fixing member of the handle bar mounting portion, and an expansion structure that moves radially outwardly upon axially moving the axially movable member.

11. (Original) The electrical bicycle shift control device according to claim 10, wherein

the expansion structure includes a plurality of expansion members that are separate members from the axially movable member.

12. (Original) The electrical bicycle shift control device according to claim 11, wherein

the expansion members are curved members circumferentially arranged about a longitudinal axis of the fixing member to move radially outwardly upon axially moving the axially movable member.

13. (Original) The electrical bicycle shift control device according to claim 12, wherein

the expansion structure includes a resilient ring extending around the expansion members to retain the expansion members together with the fixing member and the axially movable member.

14. (Original) The electrical bicycle shift control device according to claim 10, wherein

the axially movable member includes a first wedge surface that cooperates with a second wedge surface of the expansion structure to move the expansion structure radially outwardly upon moving the fixing member.

15. (Original) The electrical bicycle shift control device according to claim 14, wherein

the support member includes a projecting section with a third wedge surface that cooperates with a fourth wedge surface of the expansion structure to move the expansion structure radially outwardly upon moving the fixing member.

16. (Original) The electrical bicycle shift control device according to claim 10, wherein

the support member includes a projecting section with a first wedge surface that cooperates with a second wedge surface of the expansion structure to move the expansion structure radially outwardly upon moving the fixing member.

17. (Original) The electrical bicycle shift control device according to claim 10, wherein

the expansion structure includes a resilient element that retains the expansion structure together with the fixing member and the axially movable member.

18. (Original) The electrical bicycle shift control device according to claim 10, wherein

the fixing member includes a threaded shaft and the axially movable member is threadedly mounted on the threaded shaft to move axially upon rotation of the threaded shaft.

19. (Original) The electrical bicycle shift control device according to claim 9, wherein

the support member includes at least one handlebar support element extending axially therefrom away from the electrical shift control switch portion that is configured and arranged to contact an external surface of the free end of the handlebar.

20. (Original) The electrical bicycle shift control device according to claim 19, wherein

the support member includes a pair of the handlebar support elements.

21. (Original) The electrical bicycle shift control device according to claim 20, wherein

the support member includes a wire opening circumferentially arranged between the handlebar support elements.

22. (Original) The electrical bicycle shift control device according to claim 20, wherein

the handlebar support elements are circumferentially arranged on a substantially opposite side of the electrical bicycle shift control device from a hand actuating section of the operating member.

23. (New) The electrical bicycle shift control device according to claim 1, wherein

the handlebar mounting portion has a support base with a contact surface arranged and configured to contact a free end edge of the free end of the handlebar when the handlebar mounting portion is fixedly mounted in the free end of the handlebar, and the operating member is axially spaced from the contact surface.

24. (New) An electrical bicycle shift control device comprising:
a handlebar mounting portion that is configured to be fixedly mounted in a free end of a handlebar having a center axis; and

an electrical shift control switch portion fixedly mounted to the handlebar mounting portion, the electrical shift control switch portion including an operating member arranged and configured to be selectively moved relative to the handlebar mounting portion between a neutral position and a first actuating position,

the electrical shift control switch portion having an electrical wire opening having an electrical wire extending therefrom, the electrical wire opening extending in a direction parallel to the center axis of the free end of the handlebar such that the electrical wire can be routed along the handlebar.

25. (New) The electrical bicycle shift control device according to claim 24, wherein

the electrical wire opening is arranged externally of an outer surface of the free end of the handlebar when the handlebar mounting portion is fixedly mounted in the free end of the handlebar to route the electrical wire along an external surface of the free end of the handlebar.

26. (New) An electrical bicycle shift control device comprising:
a handlebar mounting portion that is configured to be fixedly mounted in a free end of a handlebar having a center axis; and

an electrical shift control switch portion fixedly mounted to the handlebar mounting portion, the electrical shift control switch portion including an operating member arranged

and configured to be selectively moved relative to the handlebar mounting portion between a neutral position and a first actuating position,

the operating member has an arc-shaped operating surface that extends circumferentially partially about the center axis when the handlebar mounting portion is fixedly mounted in the free end of the handlebar.

27. (New) The electrical bicycle shift control device according to claim 26, wherein

the arc-shaped operating surface extends circumferentially less than one-hundred-eighty degrees about the center axis when the handlebar mounting portion is fixedly mounted in the free end of the handlebar.